SUBJECT INDEX

Arizona

Role of Government Civil Engineers in Phoenix, Arizona, Kenny W. Harris, EI July 87 p284-291.

Artificial intelligence

Artificial Intelligence, Murray A. Muspratt, EI July 86 p158-169.

ASCE Education

Continuing Education—A Look to the Future, Howard I. Epstein, EI Jan. 87 p2-9.

ASCE Ethics

Engineers, Ethics, and Nuclear Weapons, Roger J. Evans and Thomas E. Munsey, EI July 87 p268-275.

ASCE Policy

Metrication and American Society of Civil Engineers, A. Ivan Johnson, EI Apr. 86 p93-106.

Who Should be Responsible for Structural Steel Design? Edward P. Becker, EI Apr. 86 p134-140.

ASCE Publications

Metrication and American Society of Civil Engineers, A. Ivan Johnson, EI Apr. 86 p93-106.

Viewpoint from NSPE/PEPP on Revising Manual 45, Arthur A. Defraites, Jr., EI July 87 p205-210.

Bridge construction

Bridge Engineering Training Course for Indonesian Engineers, Neil Mickleborough and Francis Tin Loi, EI Oct. 87 p389-396.

Bridge design

Bridge Engineering Training Course for Indonesian Engineers, Neil Mickleborough and Francis Tin Loi, EI Oct. 87 p389-396.

Civil engineering

Civil Engineering in Crisis, Murray A. Muspratt, EI Jan. 86 p34-48.

Civil Engineering in the 1980s: Professional Career or Just a Pretty Good Job? E. Lowell Jacobs, EI Apr. 87 p184-189.

National Science Foundation Support for Civil Engineering Research, Chris Hendrickson, EI Apr. 87 p130-138.

Civil engineers

Attracting New Civil Engineers—Adapting to Changes in the Work Force, Deborah A. Foley, EI July 87 p221-228.

Can Civil Engineers Make the Difference by Involvement in Political Process? John Louis Vadnal, EI July 87 p276-280.

Civil Engineering in the 1980s: Professional Career or Just a Pretty Good Job? E. Lowell Jacobs, EI Apr. 87 p184-189.

Organizational and Institutional Knowledge in Civil Engineering, Greig Harvey, EI Jan. 87 p46-65.

Role of Government Civil Engineers in Phoenix, Arizona, Kenny W. Harris, EI July 87 p284-291.

Client relationships

Competitive Bidding for Engineering Services, Gary A. Parks and Robert McBride, EI Jan. 87 p66-76.

Communication

Civil Engineers and Their Licensing Boards, Lowell E. Torseth, EI Apr. 87 p112-116.

Educating Civil Engineers in Construction Methods, Alexander Laufer, EI Jan. 87 p32-45.

Communication skills

Communications Course for Engineering Students, Charles Grimwood, EI July 87 p281-283.

Competitive bidding

Competitive Bidding for Engineering Services, Gary A. Parks and Robert McBride, EI Jan. 87 p66-76.

Contract Award—Nigerian Experience, C. M. Anekwe, EI July 87 p229-235.

Computer applications

Are We Producing Civil Engineers or Human Robots? Vikas P. Wagh, EI July 87 p245-248.

Civil Engineering in Crisis, Murray A. Muspratt, EI Jan. 86 p34-48.

Construction industry

Contract Award—Nigerian Experience, C. M. Anekwe, EI July 87 p229-235.

Suggestions for Increasing DBE Contractors' Participation, Luh-Maan Chang, EI Oct. 87 p371-388.

Construction management

Educating Civil Engineers in Construction Methods, Alexander Laufer, EI Jan. 87 p32-45.

Construction methods

Educating Civil Engineers in Construction Methods, Alexander Laufer, EI Jan. 87 p32-45.

Liaison Engineering in Developing Countries, Charles E. A. Uko, EI July 87 p241-244.

Consulting services

Viewpoint from NSPE/PEPP on Revising Manual 45, Arthur A. Defraites, Jr., EI July 87 p205-210.

Continuing education

Bridge Engineering Training Course for Indonesian Engineers, Neil Mickleborough and Francis Tin Loi, EI Oct. 87 p389-396.

Continuing Education—A Look to the Future, Howard I. Epstein, EI Jan. 87 p2-9.

Contract terms

Liability and Quality Control Impacts of Defining Scope of Services, C. Richard Walter, EI July 87 p211-215.

Contractors

Suggestions for Increasing DBE Contractors' Participation, Luh-Maan Chang, EI Oct. 87 p371-388.

Contracts

Contract Award—Nigerian Experience, C. M. Anekwe, EI July 87 p229-235.

Cost control

Impact of Design, Construction and Cost on Project Quality, Wallace L. Chadwick, EI Apr. 86 p69-79.

Curricula

Are We Producing Civil Engineers or Human Robots? Vikas P. Wagh, EI July 87 p245-248.

Civil Engineering Pedagogy, John M. Hayes, EI July 86 p173-177.

Organizational and Institutional Knowledge in Civil Engineering, Greig Harvey, EI Jan. 87 p46-65.

Should Engineering Schools Address Environmental and Occupational Health Issues? Dennis J. Paustenbach, EI Apr. 87 p93-111.

Decision making

Educating Civil Engineers in Construction Methods, Alexander Laufer, EI Jan. 87 p32-45.

Design

Who Should be Responsible for Structural Steel Design? Edward P. Becker, EI Apr. 86 p134-140.

Developing countries

Developing Countries: High Tech or Innovative Management? Phillip Z. Kirpich, EI Apr. 87 p150-166.

Engineering Research—Are Developing Nations Getting Value for Money? Charles E. A. Uko, EI July 87 p236-240.

Liaison Engineering in Developing Countries, Charles E. A. Uko, EI July 87 p241-244.

Western Engineers in Developing Countries, Laurence D. Wesley, EI July 87 p249-256.

Economic factors

Civil Engineers Role in Site-Selection Studies, Ahmed Ghobarah, EI Oct. 87 p351-359.

Economic growth

Developing Countries: High Tech or Innovative Management? Phillip Z. Kirpich, EI Apr. 87 p150-166.

Employee benefits

Attracting New Civil Engineers—Adapting to Changes in the Work Force, Deborah A. Foley, EI July 87 p221-228.

Employees

Motivating and Managing Engineers, Ralph Aronberg, EI Jan. 85 p33-38.

Engineering education

Are We Producing Civil Engineers or Human Robots? Vikas P. Wagh, EI July 87 p245-248.

Civil Engineering in Crisis, Murray A. Muspratt, EI Jan. 86 p34-48.

Civil Engineering Pedagogy, John M. Hayes, EI July 86 p173-177.

Communications Course for Engineering Students, Charles Grimwood, EI July 87 p281-283.

Continuing Education—A Look to the Future, Howard I. Epstein, EI Jan. 87 p2-9.

Educating Civil Engineers in Construction Methods, Alexander Laufer, EI Jan. 87 p32-45.

Engineering Research—Are Developing Nations Getting Value for Money? Charles E. A. Uko, EI July 87 p236-240.

Ensuring Quality Civil Engineering Education, Joseph F. Malina, Jr., EI Jan. 87 p16-22.

Organizational and Institutional Knowledge in Civil Engineering, Greig Harvey, EI Jan. 87 p46-65.

Should Engineering Schools Address Environmental and Occupational Health Issues? Dennis J. Paustenbach, EI Apr. 87 p93-111.

Six Years Experience in Offering Courses in Ethics, Paul C. Hassler, EI Jan. 87 p10-15.

Undergraduate Research Participation: Professional Growth Experience, Elizabeth W. Kistler, EI Oct. 87 p343-350.

Engineering profession

Artificial Intelligence, Murray A. Muspratt, EI July 86 p158-169.

Engineers

Engineers in Public Office, Robert R. Adams, EI Oct. 87 p340-342.

Liaison Engineering in Developing Countries, Charles E. A. Uko, EI July 87 p241-244.

Motivating and Managing Engineers, Ralph Aronberg, EI Jan. 85 p33-38.

Western Engineers in Developing Countries, Laurence D. Wesley, EI July 87 p249-256.

Environmental engineering

Environmental Management in Industry, Joseph M. Petulla, EI Apr. 87 p167-183.

Environmental issues

Should Engineering Schools Address Environmental and Occupational Health Issues? Dennis J. Paustenbach, EI Apr. 87 p93-111.

Environmental quality regulations

Environmental Management in Industry, Joseph M. Petulla, EI Apr. 87 p167-183.

Ethics

Contract Award—Nigerian Experience, C. M. Anekwe, EI July 87 p229-235.

Organizations and Systematic Distortion of Information, David A. Bella, EI Oct. 87 p360-370.

Professional Support for Safety-Conscious Whistleblowers, Dan H. Pletta, EI Apr. 86 p141-149.

Six Years Experience in Offering Courses in Ethics, Paul C. Hassler, EI Jan. 87 p10-15.

"Uninvolved" Professionals and Technical Disasters, Dan H. Pletta, EI Jan. 87 p23-31.

Expert systems

Artificial Intelligence, Murray A. Muspratt, EI July 86 p158-169.

Faculty

Civil Engineering Pedagogy, John M. Hayes, EI July 86 p173-177.

Ensuring Quality Civil Engineering Education, Joseph F. Malina, Jr., EI Jan. 87 p16-22.

Should All Professors Be Required to Be Registered Professional Engineers in Order to Teach the Principles of Civil Engineering? Colleen M. Bird, EI Oct. 87 p317-320.

Failures

Organizations and Systematic Distortion of Information, David A. Bella, EI Oct. 87 p360-370.

Financing

The Unviversity: Eisenhower's Warning Reconsidered, David A. Bella, EI Jan. 85 p12-21.

Fringe benefits

Attracting New Civil Engineers—Adapting to Changes in the Work Force, Deborah A. Foley, EI July 87 p221-228.

Funding allocations

National Science Foundation Support for Civil Engineering Research, Chris Hendrickson, EI Apr. 87 p130-138.

The Unviversity: Eisenhower's Warning Reconsidered, David A. Bella, EI Jan. 85 p12-21.

Government employees

Liability of Engineers in Federal Government, Ron D. Grover and Edward J. Rhomberg, EI July 87 p257-267.

Role of Government Civil Engineers in Phoenix, Arizona, Kenny W. Harris, EI July 87 p284-291.

Government policies

Engineering Research—Are Developing Nations Getting Value for Money? Charles E. A. Uko, EI July 87 p236-240.

Hazardous materials

Engineering Responsibility for Hazardous Technologies, Taft H. Broome, Jr., EI Apr. 87 p139-149.

History

Panama Canal: Its Major Marine Operational Problems and Solution, Miles P. DuVal, Jr., EI Apr. 86 p119-133.

Indonesia

Bridge Engineering Training Course for Indonesian Engineers, Neil Mickleborough and Francis Tin Loi, EI Oct. 87 p389-396.

Industries

Environmental Management in Industry, Joseph M. Petulla, EI Apr. 87 p167-183.

Information

Organizations and Systematic Distortion of Information, David A. Bella, EI Oct. 87 p360-370.

Institutional constraints

Organizational and Institutional Knowledge in Civil Engineering, Greig Harvey, EI Jan. 87 p46-65.

Legal factors

Professional Liability Exposure of the Casual Consultant, Jack D. Bakos, Jr. and Randall J. Hake, EI Oct. 87 p324-339.

Legislation

Professional Support for Safety-Conscious Whistleblowers, Dan H. Pletta, EI Apr. 86 p141-149.

Liability

Liability and Quality Control Impacts of Defining Scope of Services, C. Richard Walter, EI July 87 p211-215.

Liability of Engineers in Federal Government, Ron D. Grover and Edward J. Rhomberg, EI July 87 p257-267.

Professional Liability Exposure of the Casual Consultant, Jack D. Bakos, Jr. and Randall J. Hake, EI Oct. 87 p324-339.

Licensing

Civil Engineers and Their Licensing Boards, Lowell E. Torseth, EI Apr. 87 p112-116.

Locks

Panama Canal: Its Major Marine Operational Problems and Solution, Miles P. DuVal, Jr., EI Apr. 86 p119-133.

Management

Developing Countries: High Tech or Innovative Management? Phillip Z. Kirpich, EI Apr. 87 p150-166.

Management engineering

Civil Engineering in Crisis, Murray A. Muspratt, EI Jan. 86 p34-48.

Management systems

Environmental Management in Industry, Joseph M. Petulla, EI Apr. 87 p167-183.

Metric systems

Metrication and American Society of Civil Engineers, A. Ivan Johnson, EI Apr. 86 p93-106.

Minority groups

Suggestions for Increasing DBE Contractors' Participation, Luh-Maan Chang, EI Oct. 87 p371-388.

Motivation

Motivating and Managing Engineers, Ralph Aronberg, EI Jan. 85 p33-38.

Municipal engineering

Role of Government Civil Engineers in Phoenix, Arizona, Kenny W. Harris, EI July 87 p284-291.

Municipal government

Role of Government Civil Engineers in Phoenix, Arizona, Kenny W. Harris, EI July 87 p284-291.

National Science Foundation

National Science Foundation Support for Civil Engineering Research, Chris Hendrickson, EI Apr. 87 p130-138.

Nigeria

Contract Award—Nigerian Experience, C. M. Anekwe, EI July 87 p229-235.

Nuclear weapons

Engineers, Ethics, and Nuclear Weapons, Roger J. Evans and Thomas E. Munsey, EI July 87 p268-275.

Occupational health

Should Engineering Schools Address Environmental and Occupational Health Issues? Dennis J. Paustenbach, EI Apr. 87 p93-111.

Ocean disposal

Sewage-Related Wastes and Oceans: A Problem? Richard C. Kolf, EI Oct. 85 p161-175.

Operation

Panama Canal: Its Major Marine Operational Problems and Solution, Miles P. DuVal, Jr., EI Apr. 86 p119-133.

Organization theory

Organizational and Institutional Knowledge in Civil Engineering, Greig Harvey, EI Jan. 87 p46-65.

Organizational theory

Organizations and Systematic Distortion of Information, David A. Bella, EI Oct. 87 p360-370.

Panama Canal

Panama Canal: Its Major Marine Operational Problems and Solution, Miles P. DuVal, Jr., EI Apr. 86 p119-133.

Peer groups

Professional Support for Safety-Conscious Whistleblowers, Dan H. Pletta, EI Apr. 86 p141-149.

Personnel management

Attracting New Civil Engineers—Adapting to Changes in the Work Force, Deborah A. Foley, EI July 87 p221-228.

Planning

Organizational and Institutional Knowledge in Civil Engineering, Greig Harvey, EI Jan. 87 p46-65.

Political factors

Can Civil Engineers Make the Difference by Involvement in Political Process? John Louis Vadnal, EI July 87 p276-280.

Suggestions for Increasing DBE Contractors' Participation, Luh-Maan Chang, EI Oct. 87 p371-388.

Productivity

Motivating and Managing Engineers, Ralph Aronberg, EI Jan. 85 p33-38.

Professional development

Continuing Education—A Look to the Future, Howard I. Epstein, EI Jan. 87 p2-9.

Professional engineering

Engineering Responsibility for Hazardous Technologies, Taft H. Broome, Jr., EI Apr. 87 p139-149.

Professional practice

Are We Producing Civil Engineers or Human Robots? Vikas P. Wagh, EI July 87 p245-248.

Civil Engineering in Crisis, Murray A. Muspratt, EI Jan. 86 p34-48.

Civil Engineering Pedagogy, John M. Hayes, EI July 86 p173-177.

Competitive Bidding for Engineering Services, Gary A. Parks and Robert McBride, EI Jan. 87 p66-76.

Engineering and Erosion of Trust, David A. Bella, EI Apr. 87 p117-129.

Engineers, Ethics, and Nuclear Weapons, Roger J. Evans and Thomas E. Munsey, EI July 87 p268-275.

Six Years Experience in Offering Courses in Ethics, Paul C. Hassler, EI Jan. 87 p10-15.

"Uninvolved" Professionals and Technical Disasters, Dan H. Pletta, EI Jan. 87 p23-31.

Professional registration

Should All Professors Be Required to Be Registered Professional Engineers in Order to Teach the Principles of Civil Engineering? Colleen M. Bird, EI Oct. 87 p317-320.

Professional role

Civil Engineers Role in Site-Selection Studies, Ahmed Ghobarah, EI Oct. 87 p351-359.

Professional Responsibility—Constructor's Role, Dean E. Stephan, EI Oct. 87 p311-316.

Role of Government Civil Engineers in Phoenix, Arizona, Kenny W. Harris, EI July 87 p284-291.

"Uninvolved" Professionals and Technical Disasters, Dan H. Pletta, EI Jan. 87 p23-31.

Project management

Professional Responsibility—Constructor's Role, Dean E. Stephan, EI Oct. 87 p311-316.

Quality—Missing Ingredient of Engineering Engagements, Harold R. Sandberg, EI July 87 p216-220.

Public health

Should Engineering Schools Address Environmental and Occupational Health Issues? Dennis J. Paustenbach, EI Apr. 87 p93-111.

Public opinion

Can Civil Engineers Make the Difference by Involvement in Political Process? John Louis Vadnal, EI July 87 p276-280.

Civil Engineering in the 1980s: Professional Career or Just a Pretty Good Job? E. Lowell Jacobs, EI Apr. 87 p184-189.

Engineering and Erosion of Trust, David A. Bella, EI Apr. 87 p117-129.

Engineering Responsibility for Hazardous Technologies, Taft H. Broome, Jr., EI Apr. 87 p139-149.

Public participation

Engineers in Public Office, Robert R. Adams, EI Oct. 87 p340-342.

Public safety

Professional Responsibility—Constructor's Role, Dean E. Stephan, EI Oct. 87 p311-316.

Professional Support for Safety-Conscious Whistleblowers, Dan H. Pletta, EI Apr. 86 p141-149.

Should Engineering Schools Address Environmental and Occupational Health Issues? Dennis J. Paustenbach, EI Apr. 87 p93-111.

Public welfare

Engineers in Public Office, Robert R. Adams, EI Oct. 87 p340-342.

Public works

Suggestions for Increasing DBE Contractors' Participation, Luh-Maan Chang, EI Oct. 87 p371-388.

Qualifications

Should All Professors Be Required to Be Registered Professional Engineers in Order to Teach the Principles of Civil Engineering? Colleen M. Bird, EI Oct. 87 p317-320.

Quality assurance

Ensuring Quality Civil Engineering Education, Joseph F. Malina, Jr., EI Jan. 87 p16-22.

Quality control

Educating Civil Engineers in Construction Methods, Alexander Laufer, EI Jan. 87 p32-45.

Impact of Design, Construction and Cost on Project Quality, Wallace L. Chadwick, EI Apr. 86 p69-79.

Liability and Quality Control Impacts of Defining Scope of Services, C. Richard Walter, EI July 87 p211-215.

Professional Responsibility—Constructor's Role, Dean E. Stephan, EI Oct. 87 p311-316.

Quality—Missing Ingredient of Engineering Engagements, Harold R. Sandberg, EI July 87 p216-220.

Research

Engineering Research—Are Developing Nations Getting Value for Money? Charles E. A. Uko, EI July 87 p236-240.

National Science Foundation Support for Civil Engineering Research, Chris Hendrickson, EI Apr. 87 p130-138.

Undergraduate Research Participation: Professional Growth Experience, Elizabeth W. Kistler, EI Oct. 87 p343-350.

Responsibility

Engineering Responsibility for Hazardous Technologies, Taft H. Broome, Jr., EI Apr. 87 p139-149.

Who Should be Responsible for Structural Steel Design? Edward P. Becker, EI Apr. 86 p134-140.

Safety

Quality—Missing Ingredient of Engineering Engagements, Harold R. Sandberg, EI July 87 p216-220.

Scheduling

Impact of Design, Construction and Cost on Project Quality, Wallace L. Chadwick, EI Apr. 86 p69-79.

Services

Liability and Quality Control Impacts of Defining Scope of Services, C. Richard Walter, EI July 87 p211-215.

Sewage disposal

Sewage-Related Wastes and Oceans: A Problem? Richard C. Kolf, EI Oct. 85 p161-175.

Site selection

Civil Engineers Role in Site-Selection Studies, Ahmed Ghobarah, EI Oct. 87 p351-359.

Structural steels

Who Should be Responsible for Structural Steel Design? Edward P. Becker, EI Apr. 86 p134-140.

Teamwork

Quality—Missing Ingredient of Engineering Engagements, Harold R. Sandberg, EI July 87 p216-220.

Technology

Developing Countries: High Tech or Innovative Management? Phillip Z. Kirpich, EI Apr. 87 p150-166.

Technology transfer

Ensuring Quality Civil Engineering Education, Joseph F. Malina, Jr., EI Jan. 87 p16-22.

Terminology

Viewpoint from NSPE/PEPP on Revising Manual 45, Arthur A. Defraites, J., EI July 87 p205-210.

Training

Liaison Engineering in Developing Countries, Charles E. A. Uko, EI July 87 p241-244.

Undergraduate study

Should Engineering Schools Address Environmental and Occupational Health Issues? Dennis J. Paustenbach, EI Apr. 87 p93-111.

Six Years Experience in Offering Courses in Ethics, Paul C. Hassler, EI Jan. 87 p10-15.

Undergraduate Research Participation: Professional Growth Experience, Elizabeth W. Kistler, EI Oct. 87 p343-350.

Units of measurement

Metrication and American Society of Civil Engineers, A. Ivan Johnson, EI Apr. 86 p93-106.

Universities

The Unviversity: Eisenhower's Warning Reconsidered, David A. Bella, EI Jan. 85 p12-21.

Urban development

Role of Government Civil Engineers in Phoenix, Arizona, Kenny W. Harris, EI July 87 p284-291.

Women

Attracting New Civil Engineers—Adapting to Changes in the Work Force, Deborah A. Foley, EI July 87 p221-228.

Writing

Communications Course for Engineering Students, Charles Grimwood, EI July 87 p281-283.

AUTHOR INDEX

Adams, Robert R.
Engineers in Public Office, EI Oct. 87, p340-342

Anderson, Gerald E.
disc. (of Panama Canal: Its Major Marine Operational Problems and Solution, by Miles P. DuVal, Jr., EI Apr. 86, p119-133), EI Jan. 87, p79-80

Anekwe, C. M.
Contract Award—Nigerian Experience, EI July 87, p229-235

Aronberg, Ralph
Motivating and Managing Engineers, EI Jan. 85, p33-38
disc: Sam Bonasso, EI July 87, p295-296

Baker, Merl
disc. (of Panama Canal: Its Major Marine Operational Problems and Solution, by Miles P. DuVal, Jr., EI Apr. 86, p119-133), EI Jan. 87, p80-81

Bakos, Jack D., Jr.
Professional Liability Exposure of the Casual Consultant, with Randall J. Hake, EI Oct. 87, p324-339

Becker, Edward P.
Who Should be Responsible for Structural Steel Design?, EI Apr. 86, p134-140
disc: Lawrence A. Kloiber, EI Apr. 87, p197-198
disc: W. D. Rice, EI Apr. 87, p198-200
clo: EI Apr. 87, p200-201

Bella, David A.
Engineering and Erosion of Trust, EI Apr. 87, p117-129
Organizations and Systematic Distortion of Information, EI Oct. 87, p360-370
The Unviversity: Eisenhower's Warning Reconsidered, EI Jan. 85, p12-21
disc: T. R. Chandrasekhara and V. Loganathan, EI Apr. 87, p193
disc: L. Douglas James, EI Apr. 87, p193-194
disc: Emmett M. Laursen, EI Apr. 87, p194-196
clo: EI Apr. 87, p196-197
disc. (of Sewage-Related Wastes and Oceans: A Problem?, by Richard C. Kolf, EI Oct. 85, p161-175), EI July 87, p296-297

Bird, Colleen M.
Should All Professors Be Required to Be Registered Professional Engineers in Order to Teach the Principles of Civil Engineering?, EI Oct. 87, p317-320

Bonasso, Sam
disc. (of Motivating and Managing Engineers, by Ralph Aronberg, EI Jan. 85, p33-38), EI July 87, p295-296

Broome, Taft H., Jr.
Engineering Responsibility for Hazardous Technologies, EI Apr. 87, p139-149

Chadwick, Wallace L.
Impact of Design, Construction and Cost on Project Quality, EI Apr. 86, p69-79
disc: W. W. Moore, EI July 87, p302-304
clo: EI July 87, p304

Chandrasekhara, T. R.
disc. (of The Unviversity: Eisenhower's Warning Reconsidered, by David A. Bella, EI Jan. 85, p12-21) with V. Loganathan, EI Apr. 87, p193

Chang, Lah-Maan
Suggestions for Increasing DBE Contractors' Participation, EI Oct. 87, p371-388

Defraites, Arthur A., Jr.
Viewpoint from NSPE/PEPP on Revising Manual 45, EI July 87, p205-210

DuVal, Miles P., Jr.
Panama Canal: Its Major Marine Operational Problems and Solution, EI Apr. 86, p119-133
disc: Gerald E. Anderson, EI Jan. 87, p79-80
disc: Merl Baker, EI Jan. 87, p80-81
disc: Frederick C. Dyer, EI Jan. 87, p81-83
disc: G. Russell Evans, EI Jan. 87, p83-85
disc: David E. Ortman, EI Jan. 87, p85-87
disc: Horacio Rivero, EI Jan. 87, p87-88
disc: Frank B. Turberville, Jr., EI Jan. 87, p88-90
disc: Eric A. Walker, EI Jan. 87, p90-91
clo: EI Jan. 87, p91-92

Dyer, Frederick C.
disc. (of Panama Canal: Its Major Marine Operational Problems and Solution, by Miles P. DuVal, Jr., EI Apr. 86, p119-133), EI Jan. 87, p81-83

Epstein, Howard I.
Continuing Education—A Look to the Future, EI Jan. 87, p2-9

Evans, G. Russell
disc. (of Panama Canal: Its Major Marine Operational Problems and Solution, by Miles P. DuVal, Jr., EI Apr. 86, p119-133), EI Jan. 87, p83-85

Evans, Roger J.
Engineers, Ethics, and Nuclear Weapons, with Thomas E. Munsey, EI July 87, p268-275

Fenves, S. J.
disc. (of Artificial Intelligence, by Murray A. Muspratt, EI July 86, p158-169), EI Oct. 87, p402-403

Foley, Deborah A.
Attracting New Civil Engineers—Adapting to Changes in the Work Force, EI July 87, p221-228

Gerke, Richard C.
disc. (of Metrication and American Society of Civil Engineers, by A. Ivan Johnson, EI Apr. 86, p93-106), EI July 87, p304-307

Ghobarah, Ahmed
Civil Engineers Role in Site-Selection Studies, EI Oct. 87, p351-359

Grimwood, Charles
Communications Course for Engineering Students, EI July 87, p281-283

Grover, Ron D.
Liability of Engineers in Federal Government, with Edward J. Rhomberg, EI July 87, p257-267

Hake, Randall J.
see Bakos, Jack D., Jr., EI Oct. 87, p324-339

Harris, Kenny W.
Role of Government Civil Engineers in Phoenix, Arizona, EI July 87, p284-291

Harvey, Greig
Organizational and Institutional Knowledge in Civil Engineering, EI Jan. 87, p46-65

Hassler, Paul C.
Six Years Experience in Offering Courses in Ethics, EI Jan. 87, p10-15

Hayes, John M.
Civil Engineering Pedagogy, EI July 86, p173-177
disc: Shu-Tien Li, EI Oct. 87, p405
clo: EI Oct. 87, p406

Hendrickson, Chris
National Science Foundation Support for Civil Engineering Research, EI Apr. 87, p130-138

Jacobs, E. Lowell
Civil Engineering in the 1980s: Professional Career or Just a Pretty Good Job?, EI Apr. 87, p184-189

James, L. Douglas
disc. (of The Unviversity: Eisenhower's Warning Reconsidered, by David A. Bella, EI Jan. 85, p12-21), EI Apr. 87, p193-194

Johnson, A. Ivan
Metrication and American Society of Civil Engineers, EI Apr. 86, p93-106
disc: Richard C. Gerke, EI July 87, p304-307

Kirpich, Phillip Z.
Developing Countries: High Tech or Innovative Management?, EI Apr. 87, p150-166

Kistler, Elizabeth W.
Undergraduate Research Participation: Professional Growth Experience, EI Oct. 87, p343-350

Kloiber, Lawrence A.
disc. (of Who Should be Responsible for Structural Steel Design?, by Edward P. Becker, EI Apr. 86, p134-140), EI Apr. 87, p197-198

Kolf, Richard C.
Sewage-Related Wastes and Oceans: A Problem?, EI Oct. 85, p161-175
disc: David A. Bella, EI July 87, p296-297

Laufer, Alexander
Educating Civil Engineers in Construction Methods, EI Jan. 87, p32-45

Laursen, Emmett M.
disc. (of The Unviversity: Eisenhower's Warning Reconsidered, by David A. Bella, EI Jan. 85, p12-21), EI Apr. 87, p194-196

Li, Shu-Tien
disc. (of Civil Engineering Pedagogy, by John M. Hayes, EI July 86, p173-177), EI Oct. 87, p405

Loganathan, V.
see Chandrasekhara, T. R., (disc), EI Apr. 87, p193

Loi, Francis Tin
see Mickleborough, Neil, EI Oct. 87, p389-396

McBride, Robert
see Parks, Gary A., EI Jan. 87, p66-76

Malina, Joseph F., Jr.
Ensuring Quality Civil Engineering Education, EI Jan. 87, p16-22

Mickleborough, Neil
Bridge Engineering Training Course for Indonesian Engineers, with Francis Tin Loi, EI Oct. 87, p389-396

Moonasingha, A. D.
disc. (of Civil Engineering in Crisis, by Murray A. Muspratt, EI Jan. 86, p34-48), EI July 87, p298-299

Moore, W. W.
disc. (of Impact of Design, Construction and Cost on Project Quality, by Wallace L. Chadwick, EI Apr. 86, p69-79), EI July 87, p302-304

Munsey, Thomas E.
see Evans, Roger J., EI July 87, p268-275

Muspratt, Murray A.
Artificial Intelligence, EI July 86, p158-169
disc: S. J. Fenves, EI Oct. 87, p402-403
clo: EI Oct. 87, p403-404
Civil Engineering in Crisis, EI Jan. 86, p34-48
disc: A. D. Moonasingha, EI July 87, p298-299
disc: Norman L. Rabbers, EI July 87, p299-301
clo: EI July 87, p301-302

Ortman, David E.
disc. (of Panama Canal: Its Major Marine Operational Problems and Solution, by Miles P. DuVal, Jr., EI Apr. 86, p119-133), EI Jan. 87, p85-87

Parks, Gary A.
Competitive Bidding for Engineering Services, with Robert McBride, EI Jan. 87, p66-76

Paustenbach, Dennis J.
Should Engineering Schools Address Environmental and Occupational Health Issues?, EI Apr. 87, p93-111

Petulla, Joseph M.
Environmental Management in Industry, EI Apr. 87, p167-183

Pletta, Dan H.
Professional Support for Safety-Conscious Whistleblowers, EI Apr. 86, p141-149
disc: Edward Wenk, Jr., EI Oct. 87, p399-400
clo: EI Oct. 87, p400-402
"Uninvolved" Professionals and Technical Disasters, EI Jan. 87, p23-31

Rabbers, Norman L.
disc. (of Civil Engineering in Crisis, by Murray A. Muspratt, EI Jan. 86, p34-48), EI July 87, p299-301

Rhomberg, Edward J.
see Grover, Ron D., EI July 87, p257-267

Rice, W. D.
disc. (of Who Should be Responsible for Structural Steel Design?, by Edward P. Becker, EI Apr. 86, p134-140), EI Apr. 87, p198-200

Rivero, Horacio
disc. (of Panama Canal: Its Major Marine Operational Problems and Solution, by Miles P. DuVal, Jr., EI Apr. 86, p119-133), EI Jan. 87, p87-88

Sandberg, Harold R.
Quality—Missing Ingredient of Engineering Engagements, EI July 87, p216-220

Stephan, Dean E.
Professional Responsibility—Constructor's Role, EI Oct. 87, p311-316

Torseth, Lowell E.
Civil Engineers and Their Licensing Boards, EI Apr. 87, p112-116

Turberville, Frank B., Jr.
disc. (of Panama Canal: Its Major Marine Operational Problems and Solution, by Miles P. DuVal, Jr., EI Apr. 86, p119-133), EI Jan. 87, p88-90

Uko, Charles E. A.
Engineering Research—Are Developing Nations Getting Value for Money?, EI July 87, p236-240

Liaison Engineering in Developing Countries, EI July 87, p241-244

Vadnal, John Louis
Can Civil Engineers Make the Difference by Involvement in Political Process?, EI July 87, p276-280

Wagh, Vikas P.
Are We Producing Civil Engineers or Human Robots?, EI July 87, p245-248

Walker, Eric A.
disc. (of Panama Canal: Its Major Marine Operational Problems and Solution, by Miles P. DuVal, Jr., EI Apr. 86, p119-133), EI Jan. 87, p90-91

Walter, C. Richard
Liability and Quality Control Impacts of Defining Scope of Services, EI July 87, p211-215

Wenk, Edward, Jr.
disc. (of Professional Support for Safety-Conscious Whistleblowers, by Dan H. Pletta, EI Apr. 86, p141-149), EI Oct. 87, p399-400

Wesley, Laurence D.
Western Engineers in Developing Countries, EI July 87, p249-256